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FROM - NWS

TO - NOAAPORT USERS

SUBJECT - TESTING OF SIMULATED GOES-R DERIVED PRODUCTS
ACROSS NOAAPORT SBN

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GOES-R NOTICE 005

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NWS CONTINUES TESTING THE DISSEMINATION OF SIMULATED
GOES-R PRODUCTS ON THE NOAAPORT SATELLITE BROADCAST
NETWORK (SBN).

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DURING APRIL 2016, NWS WILL BEGIN DISTRIBUTION OF
ADDITIONAL SIMULATED GOES-R DERIVED PRODUCTS ACROSS
THE SBN. THE SIMULATED GOES-R PRODUCTS ON THE SBN
ARE NOT INTENDED TO BE USED FOR OPERATIONAL
METEOROLOGICAL ANALYSIS, FORECASTS, OR SCIENCE
STUDIES. THE PRODUCTS ARE BEING ADDED FOR NETWORK
TESTING, PRODUCT-FORMAT TESTING, AND PRELIMINARY
ASSESSMENT OF GOES-R-LIKE PRODUCTS ON SBN RECEIVE
SYSTEMS.

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THE SOURCES OF THESE PRODUCTS ARE NESDIS GOES
GROUND SYSTEMS.

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THESE NEW PRODUCTS ARE EXPERIMENTAL IN NATURE AND
THUS WILL BE ADDED TO THE EXPERIMENTAL (EXP) CHANNEL
(PID 106) OF THE SBN. BEING EXPERIMENTAL PRODUCTS,
THEIR ATTRIBUTES, CONTENT AND DISTRIBUTION FREQUENCIES
MAY BE MODIFIED WITH LITTLE OR NO ADVANCE NOTICE.
IT IS ANTICIPATED THAT THE DISTRIBUTION OF SOME OF
THESE PRODUCTS WILL BE TEMPORARY, FOR TESTING ONLY.
THUS, SOME OF THESE PRODUCTS MAY LATER BE MOVED TO
ANOTHER SBN CHANNEL OR CANCELLED.

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THE NEW SIMULATED GOES-R PRODUCTS AND THEIR HEADERS
ARE LISTED BELOW:

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WMO HEADER PRODUCT NAME (ABBREVIATION)
IXTA KNES AEROSOL DETECTION (ADP)
IXTB KNES AEROSOL OPTICAL DEPTH (AOD)
IXTD KNES CLOUD TOP PHASE (ACTP)
IXTF KNES RAIN-QUANTITATIVE PRECIP. ESTIMATE (RRQPE)
IXTG KNES CLOUD TOP HEIGHT (ACHA)
IXTH KNES CLEAR SKY MASK (ACM)
IXTI KNES CLOUD TOP TEMPERATURE (ACHT)
IXTK KNES LAND SURFACE TEMPERATURE (LST)
IXTL KNES FRACTIONAL SNOW COVER (FSC)

IXTM KNES SEA SURFACE TEMPERATURE (SST)
IXTN KNES DERIVED STABILITY INDICES (DSI)
IXTO KNES TOTAL PRECIPITABLE WATER (TPW)
IXTP KNES LEGACY VERTICAL MOISTURE PROFILE (LVM)
IXTQ KNES LEGACY VERTICAL TEMPERATURE PROFILE (LVT)
IXTR KNES GEOSTATIONARY LIGHTNING MAPPER (GLM)
IXTU KNES DERIVED MOTION WINDS (DMW, TO BE ADDED LATER)

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WMO HEADER INFORMATION IS ALSO POSTED AT:

[https://vlab.ncep.noaa.gov/web/
data-format-registry/wmo-headers-satellite-public](https://vlab.ncep.noaa.gov/web/data-format-registry/wmo-headers-satellite-public)

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THE DISTRIBUTION FORMAT FOR ALL OF THESE NEW SIMULATED
GOES-R PRODUCTS WILL BE NETCDF4. MORE INFORMATION ON THE
SPECIFIC PRODUCTS CAN BE FOUND ON THE NWS VIRTUAL LAB
PAGE AT:

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[https://vlab.ncep.noaa.gov/web/
goes-r-end-user-mission-readiness-project/just-in-time-quick-reference](https://vlab.ncep.noaa.gov/web/goes-r-end-user-mission-readiness-project/just-in-time-quick-reference)

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IT IS AGAIN STRESSED THAT THESE PRODUCTS ARE EXPERIMENTAL
AND MAY LATER BE MODIFIED OR REMOVED, AND THAT THESE
PRODUCTS ARE NOT INTENDED FOR OPERATIONAL USE.

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REFER TO GOES-R NOTICES 001-004 FOR INFORMATION
ABOUT PAST TESTS AND OTHER SIMULATED GOES-R PRODUCTS
ON SBN/NOAAPORT.

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IF YOU HAVE ANY QUESTIONS WE ENCOURAGE YOU TO CONTACT US
VIA EMAIL AT THE FOLLOWING ADDRESS:

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NWS.NOAAPORT.SUPPORT@NOAA.GOV

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THE FOLLOWING PERTAINS TO NOAA-AFFILIATED AWIPS USERS ONLY:
IN ORDER TO RECEIVE THE GOES-R DERIVED PRODUCTS, NWS-AWIPS
USERS MUST HAVE AT LEAST AWIPS VERSION 15.1.1 INSTALLED AND
THE TOWRPRO "GOES-R" COLLECTION OF AWIPS II LOCALIZATION
FILES. FOR FURTHER INFORMATION AND ASSISTANCE WITH THESE
AWIPS INSTALLATIONS, NOAA-AFFILIATED AWIPS USERS SHOULD
CONTACT ERIC GUILLOT AT [301-427-9250](tel:301-427-9250) OR
ERIC.GUILLOT@NOAA.GOV.

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NCF FOR NWS.